

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

JAN 23 2002

Docket Number (Optional)

14766

Application Number

09/967,184

Applicant(s)

Heikki Heikkila, et al.

Filing Date

September 28, 2001

Group Art Unit

Unassigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
(P)		5,998,607	12/7/99	Heikkila et al.			
(P)		2,684,331	7/20/54	Bauman			
(P)		2,911,362	11/3/59	Wheaton			
(P)		4,075,406	2/21/78	Melaja et al.			
(P)		4,358,322	11/9/82	Neuzil et al.			
(P)		5,084,104	1/28/92	Heikkila et al.			
(P)		4,880,919	11/14/89	Kulprathipanja			
(P)		4,816,078	3/28/89	Schiweck et al.			
(P)		4,664,718	5/12/87	Chang			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
(P)		WO 99/57326	11/11/99	PCT			<input checked="" type="checkbox"/>	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

(P)		Blaschek, Wolfgang, Journal of Chromatography, 256 (1983) 157-163 "Complete separation and quantification of neutral sugars from plant cell walls and mucilages by high-performance liquid chromatography"
(P) abstract only		JP-A-9127090, Chemical Abstract 127:47442, dated November 2, 1995

EXAMINER

DATE CONSIDERED

3/25/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Finnish Patent Application No. 962,609 (corresponding to U.S.S.N. 08/880,382)

Samuelson, Olof, J. Methods Carbohy. Chem., 6 (1972) 65-75 "Partition Chromatography on Ion-Exchange Resins"

Takasaki, Yoshiyuki, Agr. Biol. Chem. 36 (1972) pp. 2575-77
"On the Separation of Sugars"

Lindberg, Bengt et al., Carbohyd. Res. 5 (1967) pp. 286-291 "Preparative Separations Of Sugars On Bisulphite Resins"

DE 3545107 [corresponding to U.S. Patent No. 4,772,334 (to Masayoshi et al.)] (1988)

Barker, S.A. et al., Carbohydrate Research, 26 (1973) 55-64 "The Use of Poly(4-vinylbenzeneboronic Acid) Resins in the Fractionation and Interconversion of Carbohydrates"

CA 1249812 [corresponding to U.S. Patent No. 4,631,129 (to Heikkila)] (1986)

Finnish Patent Application No. 97625 [corresponding to WO 96/27028] (1996)

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**LIST OF PRIOR ART
CITED BY APPLICANT**

(Use several sheets if necessary)



Atty. Docket No.
14766

Serial No.
09/967,184

Applicant
Heikki Heikkila, et al.

Filing Date
09/28/01

Group
Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

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		Foreign Document Number	Date	Country	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<input checked="" type="checkbox"/> abstract only	Derwent's abstract, Accession No. 2000-376948, week 0033, ABSTRACT OF CN, 1234404 (Univ Huadong Sci & Eng) 10 November 1999.
<input checked="" type="checkbox"/> abstract only	STN International, Accession No. 1982:541125, document no. 97.141125, Trusova, L.I. et al.: "Chromatographic determination of carbohydrates and ketonic acids in culture media"; TR.-Vses. Gos. Nauchno-Kontrol'n. Inst. Vet. Prep., 29-30, 114-21 (Russian) 1980

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